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11. The method of claim 10, wherein said agent increases RAMP1 activity and is administered to treat or prevent congestive heart failure, mitral stenosis, acute myocardial infarction, hypertension, chronic or acute hepatitis, hepatomegaly, hepatic steatosis, biliary atresia, gallstones, or chemical or drug-induced hepatotoxicity.

12. A method of identifying an agent that modulates RAMP1, RAMP2, or RAMP3 activity, said method comprising:

(a) contacting said agent with a mammalian cell from the female or male reproductive tract, or the skin, and measuring RAMP1 activity;

(b) contacting said agent with a mammalian spermatogenic cell, and measuring RAMP2 activity; or

(c) contacting said agent with a mammalian cell from the caudate putamen, the laterodorsal thalamic region of the cerebrum, or the male reproductive tract, and measuring RAMP3 activity;

wherein a difference between said activity in (a), (b), or (c), in the absence of the agent and in the presence of the agent is indicative that the agent can modulate RAMP1, RAMP2, or RAMP3 activity, respectively.

13. A method of identifying an agent that modulates RAMP1, RAMP2, or RAMP3 gene expression, said method comprising:

(a) contacting an agent with a mammalian cell from the female or male reproductive tract, or the skin, that expresses a coding sequence under the control of RAMP1 gene regulatory sequences, and measuring expression of said coding sequence;

(b) contacting an agent with a mammalian spermatogenic cell that expresses a coding sequence under the control of RAMP2 gene regulatory sequences, and measuring expression of said coding sequence; or

(c) contacting an agent with a mammalian cell from the caudate putamen, the laterodorsal thalamic region of the cerebrum, or the male reproductive tract, that expresses a coding sequence under the control of RAMP3 gene regulatory sequences, and measuring expression of said coding sequence,

5 14. The method of claim 13, wherein said coding sequence encodes a reporter polypeptide.